AMENDMENTS TO THE SPECIFICATION

Please add the following paragraphs after existing paragraph [0018]:

[New] FIG. 12 illustrates a top view of a heat sink having fins in the main section that are twice the size, and approximately twice the spacing as those in the extended section.

[New] FIG. 13 illustrates a top view of a heat sink having fins that are sized and spaced apart equally between the main section and the extended section.

Please replace paragraph [0049] with the following new paragraph [0049]:

[0049] FIG. 4 is a perspective view of a simplified computer system 400 in accordance with a first embodiment of the invention, where the first fan 402 ~~404~~ is an impinging fan, and the second fan 408 is a system fan. The perspective shown is that of a computer system from the top. The system 400 comprises an impinging fan 402 to direct airflow to a main section (beneath fan, not shown) of a heat sink 406 that is in contact with a high thermal dissipating object 404 (below the fan); and a system fan 408 to direct airflow on an extended section 414 of the heat sink 406, where the system fan 408 is not coplanar with the impinging fan 402.

Please replace paragraph [0050] with the following new paragraph [0051]:

[0051] Further to this embodiment of the invention, as illustrated in FIG. 12, fins 1200 on main section 415 are denser (i.e., closer together) than fins 1202 on extended section 414, but shorter than the fins 1202 on the extended section 414. For example, the fins 1202 on the extended section 414 may be approximately twice the spacing as the fins on the main section 415. The actual fin geometry in the extended section 414 is larger than those of the main section 415 to make up for the wider fin spacing. In this embodiment, the size of the fins 1202 in the extended section 414 is approximately twice the size of the fins 1200 in the main section 415 (larger size depicted by boldface lines).

Please replace paragraph [0055] with the following new paragraph [0055]:

[0055] As shown in FIG. 7, for example, the fans lie on the same plane, where each plane may be defined by the flat sides of the blades. However, as one of ordinary skill in the art would understand, the invention is not limited by this particular feature. Further to this embodiment of the invention, as illustrated in FIG. 13, fin size and fin spacing on the main 714 and extended sections 716 is approximately the same, and both system fans blow through both sections, rather than impinge on one of them. For example, the fin spacing and size can be the fin spacing and size as described in the first embodiment. The pressure drop through these fins is minimized for maximum cooling of the remainder of the

system.